5.1 ch output

Lenco

DVD VIDEO

USER MANUAL

DVD-29

PROGRESSIVE SCAN

COMPACT DISC DIGITAL VIDEO

mp3

IMPORTANT
READ THESE INSTRUCTIONS BEFORE USE AND RETAIN FOR FUTURE REFERENCE.

PROGRESSIVE SCAN

SAFETY INFORMATION

TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.

CAUTION : To reduce the risk of fire and electric shock, do not remove the cover (or back) of the unit. Refer servicing only to qualified service personnel.

The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operation and servicing instructions in the literature accompanying the appliance.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.
CAUTION: TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

IMPORTANT SAFEGUARDS

In addition to the careful attention devoted to quality standards in the manufacture of your video product, safety is a major factor in the design of every instrument. However, safety is your responsibility, too. This sheet lists important information that will help to assure your enjoyment and proper use of the video product and accessory equipment. Please read them carefully before operation and using your video product.

Installation

Read all instructions carefully, even if you are familiar with the appliance.
1. This appliance is not intended for use by children or infirm persons without supervision.
2. Children should be prevented from playing with the appliance.
3. This appliance should be placed on a dry, level surface before it is operated.
4. INDOOR USE ONLY ?this appliance is not intended for outdoor use.
5. Do not expose this appliance to rain or moisture. Do not immerse the appliance in water or any other liquid.
6. Do not place items filled with liquids, such as vases, on the appliance. Do not expose the appliance to dripping or splashing liquids.
7. This appliance is not intended for use in bathrooms, laundry areas or similar moist locations. Never locate this appliance in the immediate surroundings of, or where it may fall into, a bath, basin, washtub, shower or swimming pool.
8. Do not place naked flame sources, such as candles, on the appliance.
9. Do not locate the appliance or cord near heat sources such as radiators, heaters, air ducts or direct sunlight.
10. Do not block any of the ventilation openings. Ensure that vents are not covered by newspapers, tablecloths, curtains, etc. Do not install in a tight-fitting cabinet.
11. Do not insert or allow foreign objects to enter any grille openings.
12. Do not run the cord under carpeting. Instead, arrange the cord away from traffic areas where it will not become a trip hazard.
13. To disconnect the appliance, turn the appliance off, switch off the power outlet and remove the plug from the power outlet.
14. Do not misuse the cord. Never carry the appliance by the cord or pull to disconnect it from the outlet. Instead, grasp the plug and pull to disconnect.
15. Do not operate the appliance if it has a damaged cord or plug; after the appliance malfunctions; or has been dropped or damaged in any way. Consult an authorised service facility or similarly qualified person for examination.
16. Use of controls or adjustments, or performance of procedures other than those specified herein, may result in hazardous radiation exposure.
Caution
Do not open ?do not attempt to repair, disassemble or modify this appliance.
Dangerous high voltages exist inside this appliance.
This appliance is only to be serviced by a qualified person. There are
no user-serviceable parts inside.
Do not look at laser pick-up directly. Do not touch the lens.

Installation Warnings

Ventilation ?Slots and openings in the case are provided for ventilation to ensure reliable operation of the video product and to protect it from overheating. These openings must not the blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug, or heat register. This product should not be placed in a built-in installation such as a bookcase or rack, unless proper ventilation is provided or the video product manufacturer instructions have been followed.

Outdoor Antenna Grounding ?If an outside antenna or cable system is connected to the video product, be sure the antenna or cable system is grounded so as to provide some protection against voltage surges and builtup static charges. ANSI/NFPA No. 70-1984 provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.

Power Lines ?An outside antenna system should not be located in the vicinity of overhead power lines, other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching or approaching such power lines or circuits, as contact with them might be fatal. Installing an outdoor antenna can be hazardous and should be left to a professional antenna installer.

Lightning ?For added protection for this product during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the video product due to lightning and power line surges.

Compulsory Warnings

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent, or a similarly qualified person, in order to avoid a hazard. This product has not been designed for any uses other than those specified in this booklet.

Laser Safety

This compact disc player is classified as a CLASS 1 LASER PRODUCT.
Only qualified service personnel should remove the cover or attempt to service this device due to possible eye injury.
Invisible laser radiation when open and interlock failed or defeated.
Avoid direct exposure to beam.

Save These Instructions

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

FEATURES

DVD, CD, MP3, Picture CD compatible
CD-R, CD-RW capable

TV format:
PAL/ NTSC color system
4:3 / 16:9 screen format select

Video output:
Composite Video output
S-Video output
YPbPr output
VGA output

Audio output:
Down-mix stereo output
Scart Dts surround output
DTS surround output
VGA DTS surround output

DVD features:
Multi Subtitle select
Multi Language select
Multi Angle select

Other features:
On screen control menu
Digital zooming
Slow motion forward
Child lock
Auto screen saver

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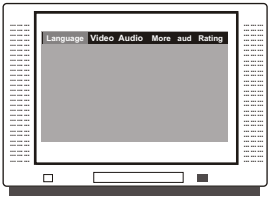
ESSENTIAL SETUP

Video outputs

The player is equippedwith the following videooutput ports:

Composite Video and **S-Video** always

active, does not needsetting.



For TV System setting

TV System menu isto set up theoutput TV system toPAL-M or NTSC:

1 In STOPmode, press **SETUP** button , SETUP

setup menu appears.

2 Press **RIGHT** button , highlight "Video"icon.

3 Press **ENTER** button , ENTER sub-menu appears.

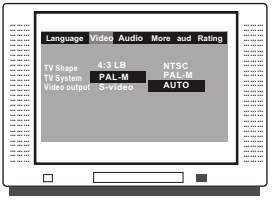
4 Highlight "TV System"selection, press **ENTER** button,

sub menu appears.

Highlight "NTSC" or "PAL-M" or "AUTO", press**ENTER** button. 5

Press **SETUP** button to SETUP quit. 6

if not, the defaultsystem is PAL-M



AUTO Auto switch toPAL-M or NTSCsystem according to thedisc

NTSC NTSC TV system

PAL TV system PAL-M

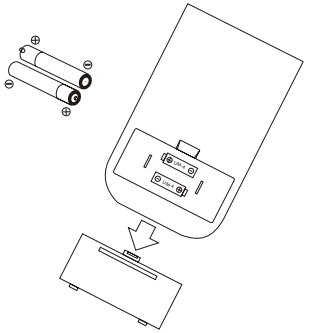
Default setting **PAL-M**

When a DVD disc of NOT correct TV system is loaded or the TV set of NOT correct TV system with the player, a distorted video signal may come out on the screen.

INTRODUCTION

Loading batteries to the remote control

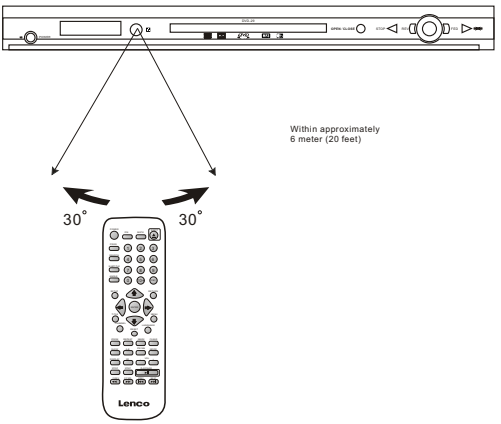
- Remove the battery compartment cover.
- Load two AAA (UM-4 or R03) batteries into the battery compartment.
- Make sure that the batteries have been inserted in the correct polarities matching to the symbols +, - marked in the battery compartment. Close the battery compartment cover.
- When replacing batteries, replace both batteries. Do not mix new and used batteries operating together, otherwise, the operation lifetime will be much shorter than normal.
- Remove the batteries if the unit will not be used for a prolonged period of time.



The remote control transmits a directional infrared beam.Be sure to aim the remote control directly at the infrared sensor of the unit during operation.

If the sensor has been covered or there is a large object between the remote control and the sensor, the sensor will not respond.

The sensor may not able to receive the remote signal when it is exposed to direct sunlight or a strong artificial light (fluorescent or strobe light). In this case, change the direction of the light or reposition the unit to avoid direct lighting.



BE ENVIRONMENTALLY FRIENDLY

Do not dispose batteries as normal rubbish. Be environmentally friendly, dispose batteries following the Government's regulation.

About DVD

DVD (Digital Versatile Disc) is a digital video medium under the MPEG II format, featuring a variety of revolutionary entertainment capabilities. The MPEG II video compression technology provides capacity for an excellent picture of minimum 500 lines resolution on screen, up to 8 language soundtracks, up to 9 views from different camera angles and up to 32 language subtitles (provided the DVD disc itself supports these features).

Disc information

Disc types	DVD	CD
Recording Method	Digital / MPEG II	Digital
Capacity	Single-layer / Single side 4.7GB = 2 hr Single-layer / Double sides 8.5GB = 4 hr Double-layers / Single side 9.4GB = 4.5 hr Double-layers / Double sides 17GB = 8 hr	650MB=74min
Disc size	12cm / 8cm	12cm / 8cm
Horizontal Resolution	500 lines up	-
Sub-titles	32	-
Sound tracks	8	1
Symbol	DVD VIDEO	COMPACT DISC DIGITAL AUDIO

REMARK

Some features contained in this DVD player are related to the DVD disc's software.

Some features cannot be performed if the disc does not support the feature,or requires special settings.

Check the features printed on the disc's packing or follow the in structions of the Disc's on screen menu.

Select a DVD disc

DVD Region Code

DVD discs and DVD players are manufactured under the worldwide agreed DVD Regional Code System that the player will operate only with corresponding disc of the same Regional Code.

Region code	Region
1	Canada, USA
2	Europe (incl. Poland, Romania, The Czech republic), Japan, Middle East (incl. Saudi Arabia, Egypt, Iran, South Africa)
3	East Asia (incl. Hong Kong, T aiwan, South Korea), South-East Asia
4	Australia, Caribbean, Central & South America, Mexico, New Zealand
5	Africa, Former Soviet Union, India, North Korea, Pakistan, Turkmenistan
6	China

Care of disc

Video disc contains high-density compressed data that needs proper handling

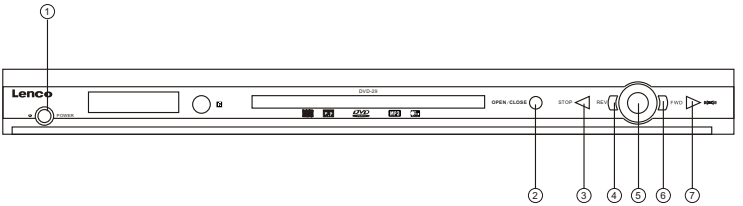
- Hold the disc with fingers. Hold the disc's outer edge and/or the center spindle hole. Do not touch the disc surface.

- Do not bend or press the disc. Do NOT expose the disc to direct sunlight or heating sources.

- Store discs in cabinet vertically , in dry condition. Prevent exposure to:
  - Direct sunlight
  - Heat or exhaust from a heating device.
  - Extreme humidity
- Clean the disc surface with a soft, dry cleaning cloth. Wipe the disc surface gently , radically , from center Toward the outer Edge.
- Do not applythinner, alcohol chemical solvent, or sprays when cleaning. Such cleaning fluids will permanently damage the disc surface.

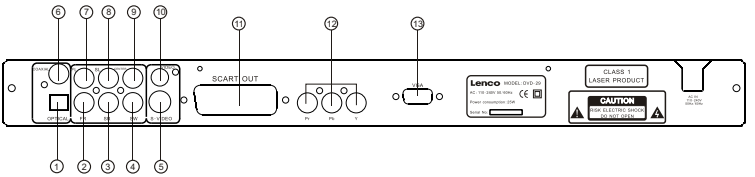
About the player

Front panel



① POWER
② OPEN/CLOSE
③ STOP
④ PREV
⑤ PLAY/PAUSE
⑥ FWD
⑦ L/R

Back panel

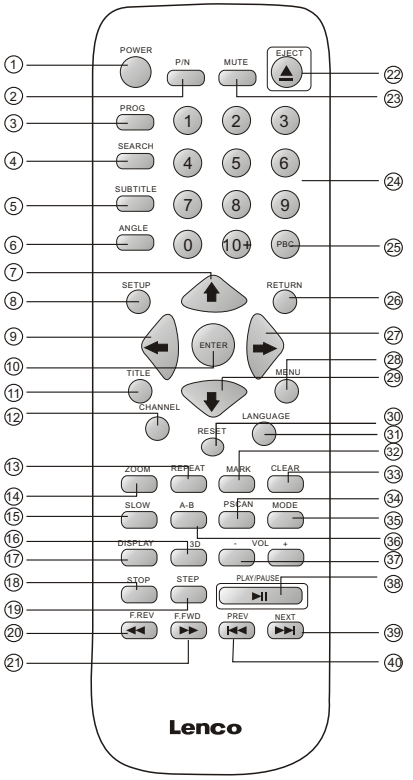


① Digital signal OPTICAL output jack
② 5.1CH FR output jack
③ 5.1CH SR output jack
④ 5.1 CH SW output jack
⑤ S-Video output jack
⑥ Digital signal COAXIAL output jack
⑦ 5.1CH FL output jack
⑧ 5.1CH SL output jack
⑨ 5.1CH CENTER output jack
⑩ VIDEO output jack
⑪ SCART output jack
⑫ PrPbY output jack
⑬ VGA output jack

200409236

Remote control

Some features of the player can only be performed by the remote control.
Some features described in this owner's manual are related to the Disc's encoding.
Some features may not be available, if the disc encoding does not support the feature.



Notes

The remote control transmits a directiona infrared beam. Be sure to aiml the remote control directly at the infrared sensor during operation. When the sensor is covered or there is a large object between the remote control and the sensor, the sensor cannot receive signals. The sensor may not be able to receive signals properly when it is exposed to direct sunlight or a strong artificial light (such as a f luorescent or strobe light). In this case, change the direction of the light or reposition the unit to avoid direct lighting.

REMARK

Some features contained in this DVD player are related to theDVD Disc's software.
Some features cannot be performed if the disc does not support the feature, or requires special settings. Check the features printed on the disc's packing or follow the instructions of the Disc's on screen menu.

1. POWER
2. P/N
3. PROG
4. SEARCH
5. SUBTITLE
6. ANGLE
7. UP
8. SETUP
9. LEFT
10. ENTER/PLAY
11. TITLE
12. CHANNEL
13. REPEAT
14. ZOOM
15. SLOW
16. 3D
17. DISPLAY
18. STOP
19. STEP
20. F.REV
21. F.FWD
22. EJECT
23. MUTE
24. 0-9 NUMBER
25. PBC
26. RETURN
27. RIGHT
28. MENU
29. DOWN
30. RESET
31. LANGUAGE
32. MARK
33. CLEAR
34. PSCAN
35. MODE
36. A-B
37. VOL
38. PLAY/PAUSE
39. NEXT
40. PREV

SYSTEM CONNECTION

Preparations

Accessories

1. Remote controller 2. Audio/Video cable 3. User's manual

(check whether be fully equipped after open the box)

Battery installation of remote controller

Place two batteries 7# in the battery compartment. Be sure the polarities are correct. There should be no large obstacles between the remote controller and the main unit.

System connection(Optional according to your back panel)

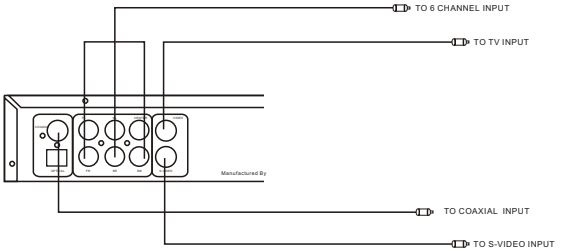
1. When making connection between this unit and other components, be sure all connection with power-off.

2. Audio/Video cables are connected according to the different colour identification and they should be fitted firmly.

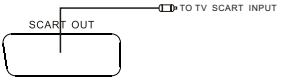
Yellow to video terminal
White to audio terminal FL,SL
Red to audio terminal FR,SR
Black to audio terminal SW,CENTER

3. Scheme of connection

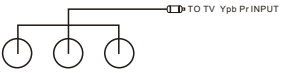
● 5.1CHANNEL CONNECTION



● WITH SCART CONNECTION



● WITH YPbPr CONNECTION



● WITH VGA CONNECTION

GETTING STARTED

- Unpack the unit.
- Read through thisowner's manual before installation and use.
- Load batteries into the remote control unit.
- Connect the system,make sure the connections are secured.
- Connect the power plug to the AC power outlet.

REMARK

Some features contained in this DVD player are related to the DVD disc's software.
Some features cannot be performed if the disc does not support The feature, or requires special settings.
Check the features printed on the disc's packing or follow the instructions of the Disc's on screen menu.

Play a disc

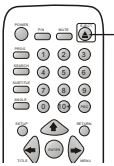
Switch on the player

Push the main power button to turn on the DVD unit. Power on the TV set and the amplifier if connected.

Set up the system

Select the corresponding setting of the TV set (A V1, A V2, S-Video etc.) and the amplifier , until the DVD power on screen appears.

Load a disc



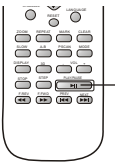
Press **EJECT** button on the remote control (or front panel) to open the disc tray. Load a disc and press **EJECT** to close the disc tray
(Note, place the disc's label side up, blank side down)

Automatic Play

The unit will take a few seconds to download the disc initial data, display the disc type logo in the left upper corner of the TV screen, and then start playing automatically .

If a DVD Disc Menu appears on screen

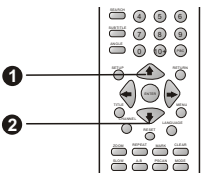
Press PLAY button on the remote (or on the unit) to start playing.



or

Press CURSOR buttons to select the desired feature in the menu,

And then press the ENTER button to confirm a selection.



NOTE Normally, when a MP3 disc is loaded, the unit will take longer time to download the initial data.
DVD disc that does not match the region code cannot be executed by this player.

Return to the disc main menu, press MENU button on the remote.

Prevent loading the disc upside down.

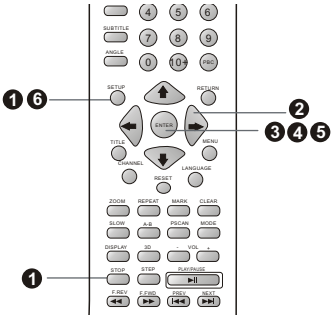
Video port setup

The DVD player is equipped with the following video ports:

Composite Video (V) (Always active)
S-Video (Default option)

The DVD player has been pre-set at the factory to Composite Video (V) and S-Video outputs, as default settings.

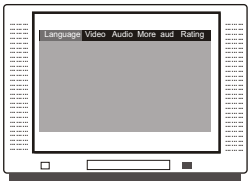
The player is equipped with the following video output ports:
Composite Video and **S-Video** always active, does not need setting.



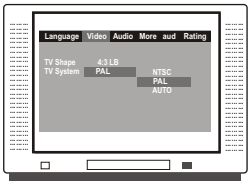
For TV System setting

TV System menu is to set up the output TV system to PAL-M or NTSC:

1. In STOP mode, press SETUP button (SETUP) setup menu appears.
2. Press RIGHT button ▶, highlight "Video" icon.
3. Press ENTER button (ENTER), sub-menu appears.
4. Highlight "TV System" selection, press ENTER Button, sub menu appears.
5. Highlight "NTSC" or "PAL-M" or "AUTO",press ENTER Button.
6. Press SETUP button (SETUP) to quit.



AUTO Auto switch to PAL-M or NTSC system according to the disc if not, the default system is PAL-M
NTSC NTSC TV system
PAL PAL-M TV system



Default setting **PAL-M**

When a DVD disc of NOT Correct format (region code) is loaded, the player Will not accept the disc and message "INCORRECT REGION CODE" will be displayed on screen.
When a DVD disc of NOT correct TV system is loaded or the TV set of NOT correct TV system with the player, a distorted video signal may come out on the screen.

NOTE

After the video output set up, if the picture output is:

- Distorted ,
- Black and white (no color),
- Picture not full screen
- Border part of Picture has been blocked.

It could be a result of wrong broadcast system matching Between the player and the TV set.

Press PAL-M / NTSC button in STOP mode to switch the broadcast system between PAL-M and NTSC.
See Function Button - PAL-M / NTSC switch of this manual..

Or See TROUBLE SHOOTING in this manual.

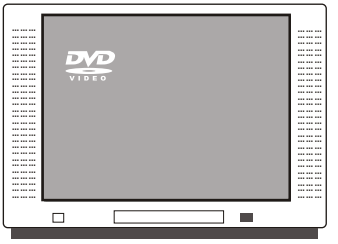
Screen saver

The player is equipped with an automatic screen saver, for the purpose of protecting the TV screen.

The TV screen will be black and a screen Saver DVD VIDEO will appear on screen if :

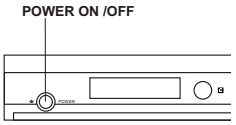
- No disc is loaded for 180 seconds
- In STOP mode and no button has been Pressed for 180 seconds.
  (except in the player or disc menu)

When any button is pressed, the player will resume to normal active mode.



FUNCTION BUTTONS

Power ON / OFF

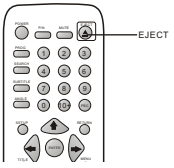


To switch the player Between power on and off mode:

Press POWER button on front panel

(Always switch off the player after use)

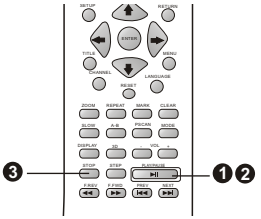
Open /Close disctray



To open and close The disc tray:

Press EJECT button ⏏ on the remote

Play / Pause / Step/ Stop



1 Press PLAY/PAUSE button ►II
To play the Disc

2 Then Press PLAY/PAUSE button ►II
to pause.

Repeat pressing the button to step forward
the still picture frame by frame.

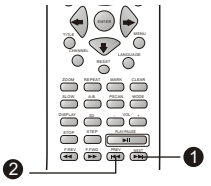
Press ►II to resume normal playback.

3 Press STOP button
to stop in two modes:

a) Press **Once** : STOP memorizes the interrupt position.
(May resume with Play button ►II)

b) Press **Twice** : To stop completely
(Will NOT resume with Play button)

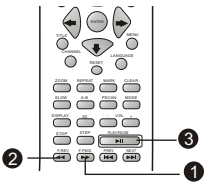
Skip Forward / Backward



1. Press ⏭ to skip forward (chapters)
2. Press ⏮ to skip backward (chapters)

Player will not advance or reverse during "WARNING" section of any disc.

Search Forward / Backward

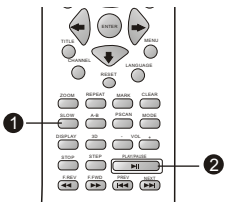


The unit muted in SEARCH mode

1. Press ⏩ to Search forward
   Repeat pressing the button to change search speed
   ▶ → ▶▶2 → ▶▶4 → ▶▶8 → ▶▶20
2. Press ⏪ to search backward
   Repeat pressing the Button to change search speed
   ▶ → ◀◀2 → ◀◀4 → ◀◀8 → ◀◀20
3. Press PLA Y/PAUSE button ⏯ to resume normal playback

Player will not advance or reverse during "WARNING" section of any Disc.

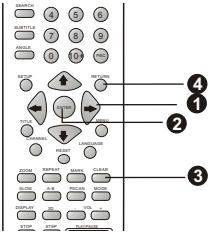
Slow Forward



The unit muted in SLOW mode

1. Press SLOW to play slow forward
   Repeat pressing the Button to change slow forward speed
   ▶ → ▶1/2 → ▶1/4 → ▶1/6 → ▶1/8
2. Press PLA Y/PAUSE button ⏯ to resume normal playback

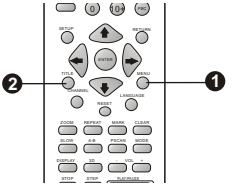
Select an item in menu



In the disc menu or setup menu

1. **press cursor button**
   to move between function items.
2. **Press** ENTER
   to confirm a selection.
3. **Press** CLEAR
   to cancel an entry.
4. **Press** RETURN
   to return to the previous menu.

Disc TItle /Menu

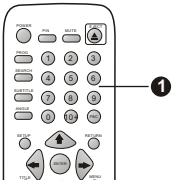


1. **Press MENU button** MENU
   return to the DVD disc Menu.
2. **Press TITLE Button** TITLE
   return to the DVD disc Title.

Disc MENU Disc menu is a DVD disc feature, allowing users to select functions on screen.

Disc TITLE Disc title is the beginning track of a DVD disc. Some DVD discs refuse the "TITLE" function.

Numeric Key Pad / Direct Program access



Direct Program access

1. Input the desired Chapter or Track number using the Numeric key pad. Press ENTER button to confirm your direct access Chapter or key selection.
   - Chapter - when Playing a DVD disc, or
   - Track - when playing a CD or Mp3 disc

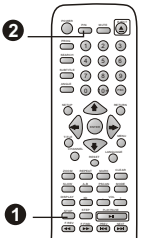
Numeric input - Function / Menu

1. Press the numeric Key pad to input data for disc or setup menu.

NOTE Program functionality depends on different DVD disc's format, some DVD discs do not allow direct access function.

PAL-M / NTSC switch

The player is equipped with PAL-M and NTSC broadcast system output.

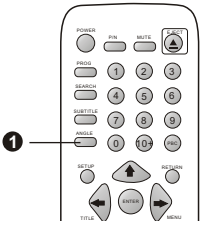


1. **Press STOP button**
   to stop the player operation

In STOP mode

2. **Press PAL-M/NTSC button** PAL/NTSC
   to switch the player between PAL-M and NTSC system

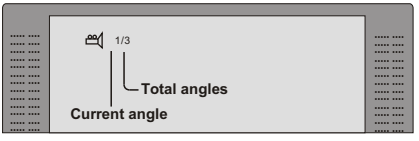
Multi-Angle



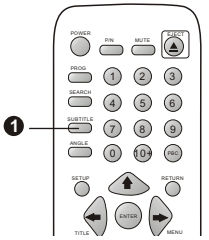
A DVD disc may contain
up to 9 selectable viewing angles.

If a DVD disc contains Multi-Angle feature, viewing angles may be selected:

1. **During in playback, repeat pressing ANGLE button** ANGLE
   to select the desired viewing angle
   Status will be displayed on screen..

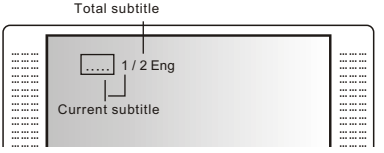


Multi-Subtitle



If a DVD disc contains the Multi-Subtitle feature, subtitle may be selected:

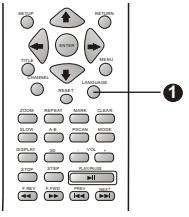
1. **During in playback, repeat pressing SUBTITLE button** SUBTITLE
   to select the desired subtitle.
   Status will be displayed on screen.



NOTE

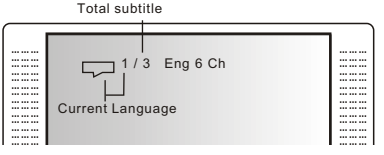
A DVD disc may contain up to 32 subtitle selections.

Multi-Audio Soundtrack



If a DVD disc contains Multi-Audio Soundtrack feature, Audio Language can be selected:

1. **During in playback, repeat pressing LANGUAGE button** LANGUAGE
   to select the desired audio language.
   Playback status will be displayed on screen.



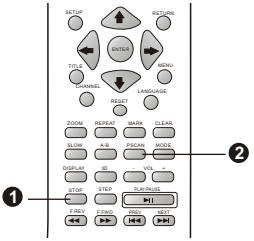
NOTE

A DVD disc may contain up to 8 audio language selections.

In most cases, an Audio Soundtrack selection will be displayed on a DVD disc start up menu.

Press **CURSOR** Button to select and **ENTER** button to confirm.

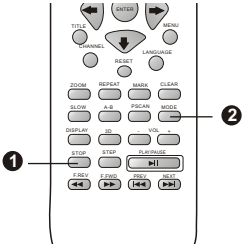
Progressive scan



1. **First, You should press [STOP] Key** STOP

2. **Press [PSCAN] key** PSCAN
   you can select Progressive scan mode out, Repeat step 1 2 , too can select normal mode out.

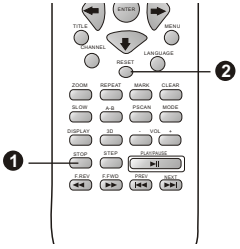
Mode



1. **First, You should press [STOP] Key** STOP

2. **Press [MODE] key may select PrPbY and VGA output.** MODE
   In the condition of NORMAL mode. press [MODE] key may select CVBS, S-video, YUV, RGB output.

Reset



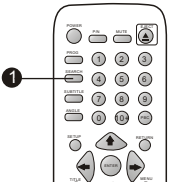
1. **First, You should press [STOP] Key** STOP

2. press "RESET" button on the remote, this option will resume the original Settings of this machine. RESET

SEARCH a desired section

This function does NOT apply to MP3

1 Press the SEARCH button to play at a desired Title, Chapter or Time.



DVD disc

Press the SEARCH button select SEARCH Mode.

Press DOWN button highlight desired item.

TITLE ---	Input title number
CHAPTER ---	Input chapter number
TIME --:--:--	Input time hh:mm:ss (Hour : Minute : Second)

Press ENTER button.

CD disc

Press the SEARCH button to T rack Search mode.

Press the SEARCH button again to Disc Search mode.

TIME --:--:--	Input time hh:mm:ss (Hour : Minute : Second)
TRACK ---	Input track number XXX (Track Number)

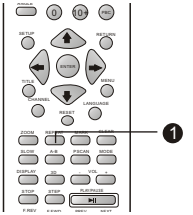
Press ENTER button.

NOTE

- SEARCH functionality depends on different DVD disc's format. Some DVD discs do not allow SEARCH function.
- SEARCH does NOT function during Program playback.

Repeat

1 Press REPEAT button multiple times to reach desired repeat mode (see below).

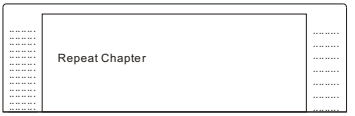


DVD disc

Repeat Chapter	Repeat the Chapter
Repeat Title	Repeat the Title
Repeat Off	Repeat function off

CD disc

Repeat Single	Repeat the existing track
Repeat All	Repeat all tracks
Repeat Off	Repeat function off



MP3 disc

Repeat One	Repeat the existing track
Repeat All	Repeat all tracks
Repeat Off	Repeat function off

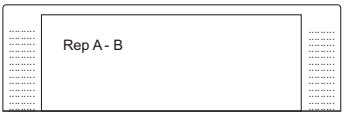
NOTE

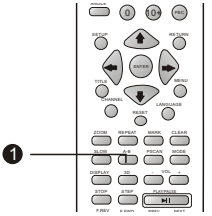
Repeat functionality depends on different disc's production format, some DVD discs do not allow repeat function.

Repeat the section A-B

1 To repeat playback of a desired section:

1) Press the A-B button at the beginning of the desired section, "A".
2) Press the A-B button again at the end of the desired section, "B".





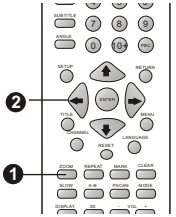
The player will repeat playback of the section from A to B.

Press the A-B button again to cancel the function and return to normal play .

NOTE

- A-B repeat depends on different disc's production format, some DVD discs do not allow repeat function.
- A-B function does not apply to MP3 disc.
- The period between A and B should be at least 3 seconds.

ZOOM



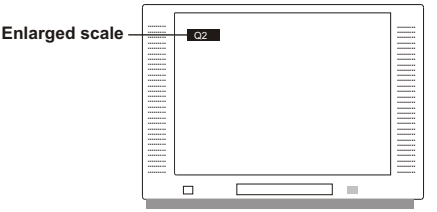
In DVD mode

1. Press the **ZOOM** (ZOOM) Button to enlarge viewable picture.

   Press the button repeatedly to change the zoom scale:

   X1 → X2 → Off

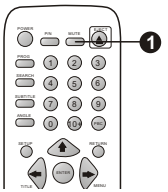
2. Press the **CURSOR** buttons to adjust the zooming position.



NOTE

The picture quality is degraded as the picture is increased.

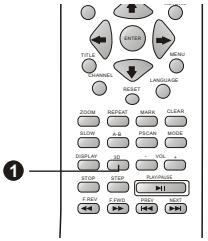
Mute



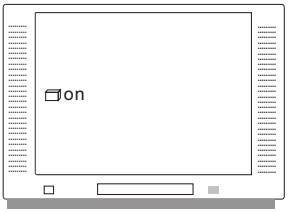
1. Press **MUTE** (MUTE) button
   To mute (turn off) the audio output.

   Press the button again
   To resume normal audio output.

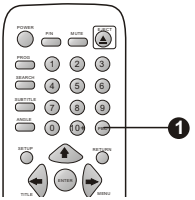
3D



1 Press “3D”button 3D in turn it delivers “ on ”on the screen, then the second press“3D”button 3D , it Delivers “ off ”

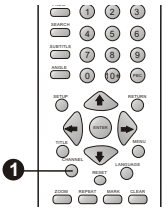


PBC Play



1 For VCD2.0 disc playing in the condition of PBC ON, Song selection can only be done, when the playing returned to main menu in the condition of PBC OFF, press relevant number Key to get favorite song during playing

Channel



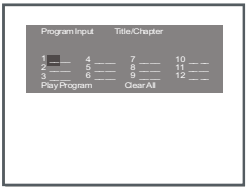
1 **When play SVCD,VCD disc, press CHANNEL Key to select left vocal, Right vocal ,Mix vocal or Stereo vocal**

CHANNEL

Program setting

Program to play a DVD, CD and MP3 disc in a desired sequence automatically .

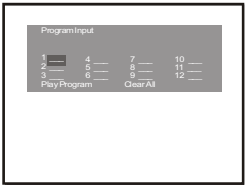
DVD program menu



Load a DVD disc.

1. Press the **PROG** (PROG) button, the DVD program menu will appear .
2. Use numeric key pad to input the Title number and the Chapter number, Repeat step 2 until programming is completed.
3. Highlight "Play Program", to start the program. Highlight "Clear All", to clear all input. Press **ENTER** (ENTER) button to confirm.
4. Press **PROG** (PROG) button to exit the program menu.
5. Press **PROG** (PROG) button to cancel the program.

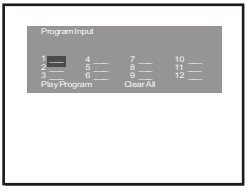
CD program menu



Load a CD disc.

1. Press the **PROG** (PROG) button, the CD program menu will appear .
2. Use numeric key pad to input the Track number Repeat step 2 until programming is completed.
3. Highlight "Play Program", to start the program. Highlight "Clear All", to clear all input. Press **ENTER** (ENTER) button to confirm.
4. Press **PROG** (PROG) button to exit the program menu.
5. Press **PROG** (PROG) button to cancel the program.

MP3 program menu



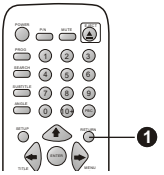
Load a MP3 disc.

1. Press the **PROG** (PROG) button, the MP3 program menu will appear .
2. Use numeric key pad to input the Track number Repeat step 2 until programming is completed.
3. Highlight "Play Program", to start the program. Highlight "Clear All", to clear all input. Press **ENTER** (ENTER) button to confirm.
4. Press **PROG** (PROG) button to exit the program menu.
5. Press **PROG** (PROG) button to cancel the program.

NOTE

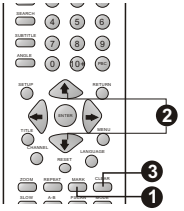
- **Some DVD discs do not allow programming.**
- **Single track disc cannot be programmed.**

Return



1 **In PBC mode**, when pressing "RETURN" Key to RETURN return to the menu, thus canceling the PBC mode , the "RETURN" key will be invalid

Mark



STORING MARKS MEMORY

1. Press the "MARK" button on remote control during the disc is played and the menu of mark setting with three bookmarks will appear on the screen.
2. Use the direction buttons (▲ or ▼) on the remote control to select mark numbers (Bookmarks 1, 2 & 3), and press ENTER button to enter the playing times where you would like to view again afterwards. A maximum of three marks can be stored.
3. Press "CLR" button to clear a particular mark. Press "MARK" button to clear the display.

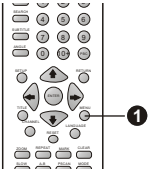
PLAYBACK FROM A MARKED POSITION

1. Press the "MARK" button on the remote control to display the menu of mark setting on the screen.
2. Use the direction buttons (▲ or ▼) on the remote control to select your desired mark, and press "ENTER" button to start to playback from that point.
3. Marked positions can be recalled anytime by pressing "MARK" button on the remote control.

Note:

All the marks are cleared when the power is off or the disc is removed.

Clear



1. Setting program or searchingneed to input number. press CLEAR CLEAR button to clearthe number when theinput number is wrong.

ON SCREEN DISPLA Y

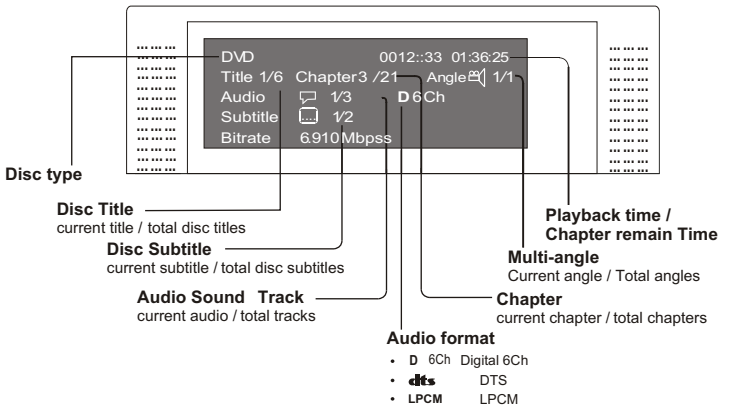
DISPLAY

Press DISPLAY button , an On Screen Display (OSD) indicator will be displayed at the upper part of the TV screen in displaying the disc information and operation status.

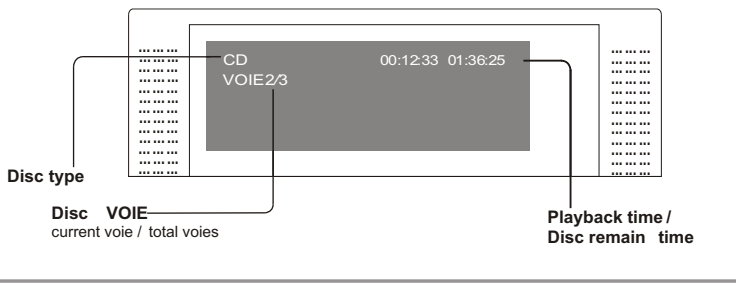
The OSD indicator will remain on screen until pressing the OSD button to turn it off.

The OSD indicator is a user friendly interface designed for displaying the status of the playback. When a dif ferent disc is loaded (DVD, CD or MP3), the OSD indicator bar will be different.

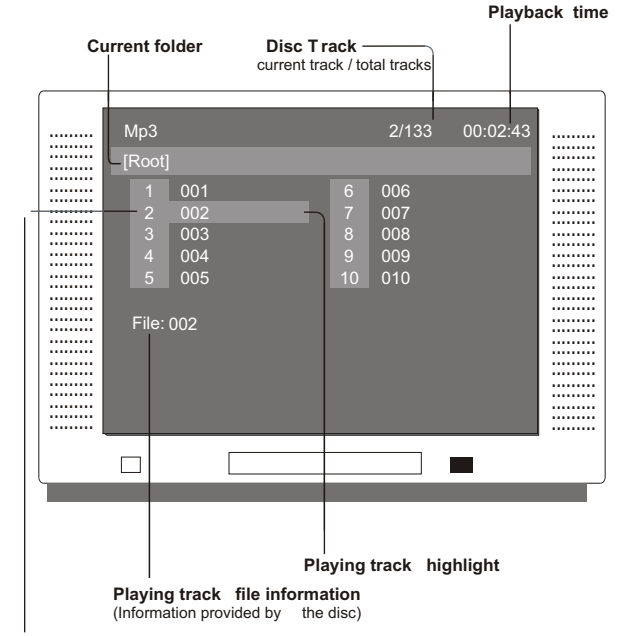
OSD - DVD mode



OSD - CD mode



MP3 mode



Auto playback

The player will load the MP3 disc and auto start to playback from track one till the last track of the root directory.

Select a track

Press **ARROW** button to highlight the desired track, and switch between folder and pages.
Press **ENTER** button to play the selected track.

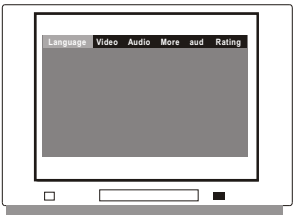
Playing track file information

You may add the information of the MP3 file while you create the disc, e.g. artist, song name and date etc., Those information of the playing track will be display at the lower part of the screen.

SETUP

Various features ofthe player can beadjusted in the SETUP menu:

Press SETUP button
SETUP menu appears.



Highlight the desired iconPress ENTER button to activate thesetting sub menu.

Language

Enter this menu tosetup the language in OSD display, DVDdisc subtitle, DVD discaudio and DVD disc startmenu.

Press SETUP button

Highlight "Language",
Press ENTER , Languagesub menu appears.

Language Video Audio More aud Rating
OSD Menu English English
Subtitle Off Spaish
Audio English Portuguese
DVD Menu English Italian
OSD Menu On French

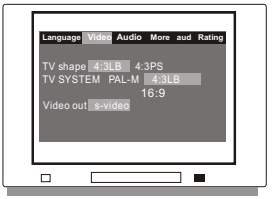
Highlight the desired itemand press ENTER button,

Highlight the desired item,
Press ENTER button toconfirm.
Press SETUP button tosave the setting andquit.

Default setting	
OSD Menu	: English
Subtitle	: Off
Audio	: English
DVD Menu	: English
OSD Menu	: On

Video

Enter this menu tosetup the video setting
Press SETUP button
Highlight "Video",
Press ENTER ,Video sub menu appears.



Highlight the desired itemand press ENTER button,

Highlight the desired item,
Press ENTER button toconfirm.
Press SETUP button tosave the setting andquit.

Default setting	
TV Shape	4:3 PS
TV System	PAL-M

TV screen

The aspect ratio ofthe picture provided bythe DVD player can be variedin line with thefeatures available on the TV inuse.

4:3 Letter Box

Allow you to seemovies in their original aspect ratio.
Entire frame of themovie will be display on screen,but it will occupy a smaller portionof the screen.

4:3 Pan Scan

The signal will fillthe screen with the centre of the picture. Theleft and right edge of picture may be cut outside range of the screen.

16:9 Wide Scr

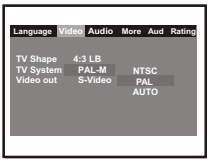
When you connect to a wide screen TV , this setting will allow the original aspect ratio will be display full screen.

NOTE

Depending on the DVD disc format, e.g. 2.35:1, the wide screen setting may still having black margins above and below the picture.

TV System

TV System menu is to set up the broadcast system:



AUTO Auto switch to PAL-M or NTSC system according to the disc, if not, the default system is PAL-M
NTSC NTSC TV system
PAL PAL-M TV system

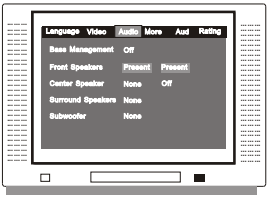
Audio (digital audio)

Enter this menu to setup the digital audio output format of different signal type. The selectable output formats are PCM or Raw .

Press **SETUP** (SETUP) Button

Highlight "Audio",

Press **ENTER** (ENTER) , Audio sub menu appears.



Highlight the desired item and press **ENTER** button,
Highlight the desired item,
Press **ENTER** (ENTER) button to confirm.
Press **SETUP** (SETUP) button to save the setting and quit.

More Aud

Enter this menu to setup the digital audio output of different signal type.

In "STOP" mode,press SETUP (SETUP) button.

Highlight"More Aud"

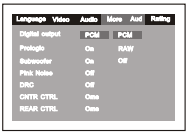
Press ENTER (ENTER) ,More Audio sub menu appears.

Highlight the desired item and press"ENTER"button.

Hightlight the disired item.

Press ENTER (ENTER) button to confirm

Press SETUP (SETUP) button to save the setting and quit.



NOTE:

If the digital output is set in"RAW"mode.there wil Be no analog output for DTS bitstreaml

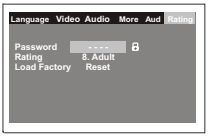
Rating

Enter this menu to setup the rating level of the player. The player will require a password to play any disc with rating level higher than the setting.

Press **SETUP** (SETUP) button

Highlight "Rating",

Press **ENTER** (ENTER) button, Rating sub menu appears.



Highlight "Password" selection, input the 4 digits password,
Press **ENTER** (ENTER) button. The rating lock release.

Default setting

Password	**: 0000**
Rating	**: 8. Adult**

Highlight "Rating",
Repeatedly pressing **ENTER** (ENTER) button to change the setting:

1. Kid Safe
2. G
3. PG
4. PG_13
5. PG_R
6. R
7. NC_17
8. Adult

Highlight "Password" selection,

Press **ENTER** (ENTER) button to lock.
Press **SETUP** (SETUP) butto n to save the setting and quit.

TROUBLE SHOOTING

Should your DVD player develop a problem, please check below before requesting service:

Symptom	Check and Action
No Power	• Check if the power cord has been properly connected to the power outlet. • Check if the main power has been switched on.
Does not play	• No disc, load a disc. • Disc has been loaded upside down. Place the disc with the label side up. • Disc's region code does not match to the player. • Disc is not correct type for player. • Disc is damaged or dirty, clean the disc or try another disc. • Moisture may be condensed inside the player. Remove the disc and leave the unit power on for one or two hours.
No Picture	• Check if the TV set has power on, use TV remote to select A/V signal for DVD rather than broadcast. • Check if the system connection is proper and secure. • Check if the connection cables are damaged. • Clean the disc.
Picture noise / distorted	• The disc is dirty or damaged. Clean the disc or try another disc. • Reset the color system of the player or the TV set. • Try to direct the player to the TV set instead of via other components, such as a VCR.
Picture not full screen	• Select the screen format from the player's SETUP MENU, see " *SETUP MENU* " of this manual. • Select the screen format from DVD disc menu.
Malfunction	• Should the player develop a malfunction, unplug the player for 30 minutes. After 30 minutes, power on the player and the restore function should reset the player.
No sound	• DTS disc used. Press the remote control "LANGUAGE" button and re-select the audio setting on the remote.

CAUTION : To reduce the risk of fire and electric shock, do not remove the cover (or back) of the unit. Refer servicing only to qualified service personnel.

Symptom	Check and Action
Cannot SKIP or SEARCH	• Some discs are programmed that do not allow users to SKIP or SEARCH at some sections, especially at the beginning WARNING section. • Single Chapter disc cannot apply SKI P function.
No sound or sound output not complete	• Check if the TV and Amplifier have been switched on, and correctly set. • Check if the TV and Amplifier system connection is secured. • Press AUDIO button to select other audio tracks output of disc. • Check if the MUTE function of the TV or Amplifier has been activated. • There will be no sound output during P AUSE / STEP / SLOW and SEARCH.

No surround sound	• If digital output has been applied:
	  • Press SETUP button
	  • Highlight "AUDIO"
	  • Highlight "Digital Out"
	  • Select RAW or PCM
	  • Press SETUP button
	• Power on the amplifier or active type loudspeakers.

MP3 disc no sound or noisy	• When PC program files or other data files are mixed with MP3 files in the same disc, the player may play the non-MP3 files with noise or no sound. • Check the disc, if all the files on disc are MP3 files Skip the f ile, try other files.
Remote control does not function	• Remove the obst acles between the remote control and the player . • Point the remote control towards the remote sensor on the player. • Check if the batteries of the remote control have been loaded with correct polarities. • Replace the batteries of the remote control.

SPECIFICATIONS

Type of Disc	DVD CD-DA CD-MP3 Kodak Picture CD CD-R / CD-RW
Video Format	MPEG 2
Audio Format	MPEG 1, LAYER 1, LAYER 2 , LAYER 3
Signal Output	Color System: PAL-M/NTSC Audio System: DIGITAL down mix stereo DIGITAL digital output DTS digital output Audio DAC 16bit/48KHz Video Output: 1 Vpp (at 75 ohm) Audio Output (Stereo): 2 Vpp
Frequency Response	CD: 4Hz 20KHz (EIAT) DVD: 4Hz 22KHz (48K) 4Hz 44KHz (96K)
S/N radio	> 92 dB
THD	< 0.04%
Output Terminals	Video (composite) output X1 S-Video outpu X 1t 5.1 ch output X1 DIGITAL/DTS digital coaxial output X1 YPbPr output X1 SCART output X1 VGA output X1
Power input	100-240Vac 50~60Hz 25W
Dimensions	Body size : W360 D290 H45mm Packing size : W435 x D298x H89 mm Net weight : 3 Kg